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File

DISCLOSURES

Law Department - Patent Section
Philip Morris Management Corp.
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20 November 1992

2020090290

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1342

(Sigma/Delta - Rotary/Linear Table) APPARATUS FOR ASSEMBLING A MULTI-PART ARTICLE

R. H. Dickerson et al
Engineering

A multi-station apparatus that is used for the construction of non-combustion smoking articles which in a first embodiment may comprise two interacting rotary tables and in a second embodiment may comprise a single linear table.

Glenn/F&N/Pisano

11-10-88	Kennard here to see equipment.
11-15-88	Disclosure file opened; F&N preparing application.
12-29-88	Letter from Kennard: Brookman to schedule trip to Erie to see apparatus and meet with Dickerson and the Swanson-Erie people.
6-26-89	Kennard met with inventors to finalize application.
7-12-89	Drawings of generator tube station forwarded to Kennard.
8-3-89	Meeting with inventors and Kennard.
8-8-89	Additional drawings received and forwarded to Kennard.
5-9-90	1st draft received--to inventors for review.
6-18-90	Dickerson's comments received.
7-6-90	Meeting with inventors/Pisano to review draft.
9-11-90	Revised draft received--to inventors for review.
10-23-90	Meeting with inventors/Pisano to review draft.
11-27-90	Revised draft received.
12-14-90	Draft claims to inventors for review.
12-28-90	Dickerson's comments to Pisano.
2-5-91	2nd draft received.
2-20-91	DeBlasio's comments to Pisano.
5-30-91	Divided into two applications: 1342-A and 1342-B.
10-11-91	Decision made not to divide into 2 applications.
10-16-91	3rd draft sent to inventors.
1-17-92	Inventors' comments on 3rd draft sent to Pisano.
2-3-92	F&N waiting on us before finalization.
3-30-92	Memo to inventors: how to proceed?
5-13-92	Waiting for input from inventors on how to proceed.
8-14-92	F&N instructed to prepare NEW application limited to the suck and puff aspect.
10-5-92	Pisano to discuss with Keen by phone.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1368

(Paper Technology) CONTROLLED BURN RATE CIGARETTE

R. W. Newsome, W. A. Geiszler, and Willie G. Houck
R&D

A. controlled burn rate cigarette comprising a paper wrapper with at least one calendered zone of reduced permeability.

See also PM 1498

Schardt/F&N/Radulescu

5-3-89	Disclosure file opened (was D527). Reviewed at April 18 R&D patent meeting--recommendation was to pursue patent coverage.
5-17-89	Inventors preparing samples and data.
8-17-89	Data still not ready.
9-14-89	Meeting with inventors and D. Shulman to review disclosure and data.
9-20-89	1st draft received--forwarded to inventors for review.
10-2-89	Additional data faxed to Meyer.
10-6-89	2nd draft received--faxed to inventors for review.
10-11-89	Ready to file--on hold pending approval from Fred Newman.
9-17-90	Reassigned to Hubbard.
11-15-90	Application to Long at Shook Hardy for review and approval.
5-15-91	Long's comments send to Hubbard.
9-23-91	Meeting with Radulescu/inventors--on hold pending availability of additional data.
3-9-92	Status inquiry to Friedman.
7-15-92	Status inquiry to Friedman.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1394 (D560) *INACTIVE*

(Beta) SMOKING ARTICLE DESIGNED TO IMPROVE CONTROL OF THE HEAT AND TEMPERATURE PROVIDED TO EACH PUFF

F. V. Utsch, B. C. LaRoy, and A. C. Lilly
R&D

Glenn/F&N/Pisano

8-31-89	PM file opened (was D560)--forwarded to F&N for application preparation.
9-20-89	Letter from C. Smith: need drawings--request sent to Utsch.
11-30-89	Follow-up to Utsch.
5-31-90	Status inquiry to Utsch.
10-23-90	Drawings being prepared.
12-13-90	Checked status--draftsman's workload backed up.
3-6-91	Drawings should be completed in a week.
5-1-91	Drawings sent to F&N.
2-13-92	Memo from McNulty: still a concept; proposes inactivating for now.
3-30-92	F. Utsch suggests we drop this case. No further information available.
9-16-92	Memo to inventors: will be inactivated unless advised otherwise.
10-22-92	Inactivated.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1397

(Paper Technology) NOVEL FILLERS FOR SMOKING ARTICLE WRAPPERS AND METHOD FOR MAKING SAME

Andrew G. Kallianos and Kathleen R. Hansen
R&D

Relates to compositions comprising magnesium carbonate compounds formed by a "sol-gel" process, which compounds, when used as fillers in the fabrication of smoking article wrappers, produce significantly reduced sidestream smoke.

Schardt/F&N/Hintz

8-31-89	PM file opened (was D549)--forwarded to F&N for application preparation.
9-28-89	Letter from C. Smith: assigned to Yankwick.
1-11-90	Meeting with Kallianos and Yankwick.
11-20-90	Letter from Hintz to Kallianos requesting additional information.
2-18-91	Inventors in the process of drafting background sections for the application.
5-22-91	Additional information sent to Hintz.
6-6-91	Reassigned to Morris.
6-14-91	In-house search sent to Morris.
9-10-91	Status inquiry: draft being prepared.
10-11-91	1st draft sent to inventors for review.
3-9-92	Status inquiry to Kallianos.
3-31-92	Kallianos's comments on application sent to F&N.
5-6-92	2nd draft sent to Kallianos for review.
5-19-92	Meeting with Podraza et al re inventorship.
5-29-92	Re-assigned to Hintz.
7-16-92	Additional information sent to Hintz.
9-29-92	Letter from C. Smith: on hold pending completion of PM 1494, 1659, and 1660, which are to be filed simultaneously.
10-13-92	3rd draft to inventors for review.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1423-B (D581) *INACTIVE*

(Beta) CAPACITOR/PIEZOELECTRIC TYPE FLOW MONITOR DEVICE IN A CIGARETTE

C. T. Higgins
R&D

Capacitor and piezoelectric type flow meter.

Glenn/F&N/Bergin

11-15-90 PM 1423 Divided into A and B files.
1-29-91 Checked status with Bergin--he is working on draft.
9-11-91 Bergin ready to being draft.
5-18-92 Memo to inventor: sufficient information and interest to proceed?
6-11-92 Letter from Bergin: proceed with application?
6-19-92 Memo to inventor: sufficient data to proceed? No.
9-16-92 Status inquiry from F&N.
11-16-92 Inactivated.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1424

(Filter Technology) PAPER FORMED FROM COMBINATION OF CA AND TREATED CELLULOSE FIBERS FOR IMPROVED FILTER EFFICIENCY

Navin Gautam and Robert M. Rogers
R&D

See also PM 1503, 1527, D568, D584, D678

Glenn/F&N/Pollack

2-14-90 Disclosure file opened.
1-28-91 Disclosure to F&N for application preparation.
3-4-91 D568 and D584 sent to F&N for consideration with this and related cases.
5-29-91 Memo to inventors requesting clarification of invention.
7-31-91 In-house search sent to F&N.
9-4-91 More information on treatment of cellulose needed to provide novelty.
11-4-91 Information requested from Rogers.
1-20-92 Additional information sent to F&N.
3-16-92 F&N preparing draft application.
4-6-92 Status inquiry from F&N: active or hold?
9-16-92 F&N instructed to proceed with application.
10-16-92 Reassigned to Wendy Pollack.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1433

(Manufacturing/Cartier 20) APPARATUS FOR FORMING RADIUSED CORNERS OF INNERFRAME FOR ROUNDED CORNER CIGARETTE PACK

Donald E. Kennedy
Engineering

Relates to apparatus for forming innerframes for cigarette packs with rounded corners.

Schardt/F&N/Panichi

3-22-90	Patent review meeting: file.
4-5-90	Disclosure file opened.
4-17-90	Disclosure to F&N for application preparation.
8-1-90	Re-assigned to Panichi.
10-22-90	Meeting with Panichi/Kennedy.
10-25-90	Drawings forwarded to Panichi.
5-31-91	Panichi expects to have draft completed by mid-June.
9-6-91	Status inquiry: Panichi preparing draft.
10-28-91	1st draft received--to inventor for review.
11-15-91	Inventor's comments and photos sent to F&N.
2-3-92	Details for drawings requested from Kennedy.
4-28-92	Drawings sent to Panichi.
9-29-92	Letter from C. Smith: draft should be completed by November 1.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1457 (D656)

(Sigma) METHOD AND APPARATUS FOR ORIENTING CYLINDRICAL COMPONENTS WITH ONE CAPPED END

Bill J. Keen
Engineering

Relates to a mechanism for orienting cylindrical components having one capped end and one open end comprising six drums which are aligned in a staggered formation.

See also PM 1506

Glenn/F&N/Bernstein

5-17-90 Disclosure file opened--to F&N for application preparation.
6-6-90 Letter to C. Smith: conduct novelty search.
10-23-90 C. Smith called to say search complete and report being prepared; references forwarded to Keen by Bauman for review and comment.
11-16-90 Patentability study completed; should be possible to obtain claims of limited scope--Bauman will proceed with application preparation.
1-2-91 F&N instructed to proceed with application preparation.
3-19-91 Drawings requested from Keen.
4-3-91 Keen/McCabe discussed drawings--McCabe will have them done.
5-31-91 McCabe working on draft--expects to have it completed in near future.
11-20-91 Status inquiry sent to F&N.
12-2-91 McCabe expects to have draft ready by January 1.
5-13-92 Status inquiry to F&N: this case behind the NET cases in priority. McCabe will draft application as soon as NET cases are completed.
6-26-92 Reassigned to Adam Bernstein.
7-30-92 1st draft to inventor for review.
8-24-92 Comments to F&N.
9-29-92 Revised application to inventor for final review.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1465 (D649) *FILED*

(FACT) ACID-CONTAINING FILTERS FOR IMPROVING AIR QUALITY

C. R. Hayward and J. O. Lephardt
R&D

Relates to filter materials which have been coated with an acid for use in indoor air quality control systems to remove cigarette gas phase components and other pollutants.

Glenn/F&N/Gross

5-17-90	Disclosure to F&N for application preparation.
2-1-91	1st draft received.
2-15-91	Meeting with inventors/Gross/Radulescu.
4-24-91	2nd draft received--to inventors for review.
5-2-91	In-house search results sent to Gross.
5-16-91	Inventors need additional time to review draft.
9-23-91	Status inquiry: additional time required to review draft.
10-24-91	Inventors' comments received.
11-22-91	Inventors' comments on draft sent to Gross.
1-2-92	Inventors comments on prior art sent to Radulescu.
3-31-92	Gesser refs to be discussed before work proceeds.
4-9-92	F&N questions to inventors.
4-14-92	Conference call with inventors and F&N.
8-6-92	3rd draft to inventors.
8-25-92	Comments to F&N.
9-21-92	4th draft to inventors for review.
11-5-92	Revised application received.
11-12-92	Executed and sent to F&N for filing in PTO.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1494 (D690)

NOVEL MAGNESIUM FILLERS FOR SMOKING ARTICLE WRAPPERS AND METHOD FOR MAKING SAME

J. Fournier, A. Kallianos, J. Paine, K. F. Podraza, and J. Seeman
R&D

Relates to novel compounds which may be used as fillers for smoking article wrappers and a method for making them.

See also PM 1444, 1441, 1466, and 1511

Glenn/F&N/Hintz

8-16-90	Disclosure file opened--to F&N for application preparation.
9-7-90	Related art forwarded to Wilson.
9-11-90	Reassigned to Schneider.
9-20-90	Meeting with Schneider/Podraza.
9-26-90	Data and examples forwarded to Schneider.
12-6-90	1st draft to inventors for review.
1-17-91	Checked status with inventors--still reviewing.
2-26-91	Inventors' comments sent to Schneider.
3-13-91	2nd draft received--to inventors for review.
4-1-91	Reassigned to Clay Wilson.
6-4-91	May be included in a CIP to to PM1444.
7-15-91	3rd draft sent to inventors for review.
8-22-91	Inventors' comments sent to Morris.
11-25-91	Revised application received--ready to execute.
4-6-92	Being held for simultaneous filing with PM 1397, 1659, and 1660.
5-29-92	Re-assigned to Hintz.
10-13-92	3rd draft to inventors for review.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1502

(Paper Technology) USE OF VERY HIGH SURFACE AREA MAGNESIUM CARBONATE AS FILLER FOR LOW SIDESTREAM PAPERS

A. Kallianos and J. Paine
R&D

Glenn/F&N/Morris

9-18-90	Disclosure file opened.
9-27-90	Disclosure to F&N for application preparation.
6-4-91	May be included in CIP to PM 1444.
6-14-91	Search results sent to Morris.
1-8-92	Additional information requested.
1-17-92	F&N instructed to put on hold pending availability of more complete disclosure--Sanders and Kallianos agree.
9-16-92	Memo to Paine: will be inactivated unless advised otherwise.
9-18-92	Per Seeman Paine is planning to examine the chemistry/paper results in October. Hold off inactivating and check status in December.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1505

VERTICAL DRUM TRANSFER OF CIGARETTES TO ALLOW FOR SEPARATE INSPECTION AND REJECTION STATIONS

Gary Atwell and Drew Gillespie
Engineering

Schardt/F&N/Krasnow

9-18-90	Disclosure file opened--to F&N for application preparation.
10-1-90	Letter from C. Smith: have Beverly do search.
2-4-91	Meeting with Krasnow/Atwell.
9-19-91	F&N instructed to expedite.
9-27-91	Prior art to inventors for review--they will call Krasnow to discuss.
10-16-91	Atwell has discussed case with Krasnow.
1-3-92	1st draft to inventors for review.
2-14-92	Atwell discussed draft with Krasnow who will review the application and evaluate in terms of including/excluding vision inspection.
5-6-92	Meeting with Krasnow/Atwell/Gillespie. To be filed separately from PM 1583 and include vision inspection. Need to resolve inventorship question.
5-15-92	Letter from Krasnow: what is proper scope?
6-26-92	Status inquiry from Krasnow.
8-11-92	Telephone conference with F&N--Krasnow will revise draft.
10-28-92	2nd draft received.

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20200903O2

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1506

(Cartier) ROTARY MAGAZINE FOR ORIENTING ARTICLES WITH ONE CAPPED END

Bill Keen
Engineering

Articles are fed to the apparatus with the closed ends in random orientation, and the apparatus arranges the articles so the closed ends are in the same orientation.

See also PM 1457

Schardt/F&N/Krasnow

9-18-90	Disclosure file opened--to F&N for application preparation.
10-1-90	Letter from C. Smith: have Beverly do search.
1-23-91	Letter from Krasnow: waiting for search results.
5-1-91	Letter from Krasnow: waiting for search results.
5-13-91	In-house search results sent to Krasnow.
5-31-91	Krasnow reviewed patentability and expects to have report completed in early June.
11-20-91	Status inquiry sent to F&N.
12-2-91	Krasnow plans to prepare patentability opinion and being drafting application as soon as possible.
4-21-92	Favorable patentability opinion received--F&N will proceed with application preparation.
5-13-92	Status inquiry to F&N: Krasnow expects to begin working on draft around 1st of June.
7-8-92	1st draft to Keen for review.
11-3-92	Status inquiry to Keen.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1507

(Optical Inspection) HIGH SPEED, HIGH RESOLUTION WEB INSPECTION SYSTEM

Cary Longest, R. Moffitt, W. R. Sweeney
Engineering

Glenn/F&N/Jackson

9-18-90	Disclosure file opened.
9-27-90	Disclosure to F&N for application preparation.
11-13-90	Meeting with Ingerman/Schoneman/inventors.
6-25-91	1st draft sent to inventors for review (Moffit's comments received--waiting for other 2).
11-21-91	Status inquiry from F&N.
12-30-91	Inventors' comments and prior art sent to F&N.
5-19-92	2nd draft sent to inventors for review.
6-23-92	Comments to F&N.
10-21-92	Reassigned to Jackson; 3rd draft to inventors.

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PM 1508

(NET) METHOD FOR THE EXPANSION OF TOBACCO

Walt Nichols
R&D

Glenn/F&N/Ingerman/Chen

9-18-90	Disclosure file opened.
9-27-90	Disclosure to F&N for application preparation.
11-13-90	Meeting with Ingerman/Nichols--draft in preparation.
6-21-91	Draft will be completed as soon as inventor comments on draft for PM 1510.

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2020690304

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1509

(NET) METHOD FOR THE CONTINUOUS IMPREGNATION OF TOBACCO WITH A GAS OR LIQUID

Walt Nichols
R&D

Glenn/F&N/Ingerman/Chen

9-18-90	Disclosure file opened.
9-27-90	Disclosure to F&N for application preparation.
11-13-90	Meeting with Ingerman/Nichols--draft in prepration.
6-21-91	Draft will be completed as soon as inventor comments on draft for PM 1510.

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PM 1510

(NET) METHOD FOR THE EXPANSION OF TOBACCO

Walt Nichols
R&D

Glenn/F&N/Ingerman/Chen

9-18-90	Disclosure file opened.
9-27-90	Disclosure to F&N for application preparation.
11-13-90	Meeting with Ingerman/Nichols.
5-23-91	1st draft sent to inventor for review.
3-10-92	Status inquiry to Nichols.
4-15-92	Status inquiry to Nichols.
6-30-92	Experimentation on-going.

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2020090305

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1512

(Delta) IMPROVED CARBONACEOUS HEAT SOURCE

D. M. Schleich (Polytechnic University)
R&D

This invention relates to an improved carbonaceous heat source and to the conversion of gaseous by-products, such as carbon monoxide, produced by the combustion of the carbonaceous heat source.

Schardt/F&N/Loring/Gross

9-26-90	Disclosure file opened--file immediately per Lilly; assigned to F&N who will contact Schleich direct to get data--HIGH PRIORITY.
11-30-90	Additional information forwarded to Loring.
1-31-91	Draft application sent to Schleich for review.
9-10-91	Status inquiry: Deevi reviewing draft application.
3-6-92	Status inquiry to Deevi.
4-8-92	Letter from Gross: waiting for input from Deevi.
6-30-92	Deevi will have input by the end of week.
8-26-92	Deevi's comments sent to Gross.

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20200903O6

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1517 (D712, D771, D839, D875, D891, D895, D896)

(Beta) METHOD AND APPARATUS TO PRODUCE AEROSOLS FROM LIQUIDS

P. J. Lipowicz, T. T. Nguyen, F. M. Sprinkel
R&D

The production of aerosols from discrete, preseparated amounts of liquid(s) is disclosed. The preseparated packets of liquid can be packaged into definite sets for production of puffs of aerosol.

Glenn/F&N/Harnett

11-13-90 Disclosure file opened--to F&N for application preparation.
12-10-90 Assigned to Loretta Miraglia.
1-14-91 Miraglia called to request additional info.
1-25-91 Additional info in the form of D771 disclosure sent to F&N.
4-9-91 PM 1554 combined herewith.
4-18-91 Additional information and comments on draft sent to Miraglia.
7-23-91 In-house search results sent to Miraglia.
7-25-91 Inventor's comments on 1st draft sent to Miraglia.
12-12-91 Status inquiry from Miraglia re additional disclosure.
1-9-92 Additional information sent to Ingerman; D875, D891, D895, D896, PM1627 combined herewith.
3-25-92 Additional information requested from inventors.
4-8-92 In-house search summary sent to Radulescu.
5-5-92 Additional information sent to F&N.
7-30-92 1st draft to inventors for review.
9-21-92 Additional information sent to F&N.
10-15-92 D900 sent to F&N for consideration with this case; F&N waiting for additional disclosure on the sensor.

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20200903'07

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1521

(Tomorrow) DUAL PAPER LAYER TECHNOLOGY FOR CONTROL OF BURN PROPENSITY

Al Collins, Bill Keen, George Reid, Ray Ritt, Bill Stevens, Pete Talley, and Howard Vogt
Engineering

Relates to wrappers that modify the burn rate of a smoking article.

Glenn/F&N/Miraglia

11-13-90	Disclosure file opened--to F&N for application preparation--HIGH PRIORITY.
1-28-91	Letter from Hubbard: novelty search underway.
3-19-91	In-house search results sent to Hubbard.
9-25-91	Miraglia to call Vogt for additional information.
12-12-91	Miraglia to contact Vogt for more detailed description of the invention and additional data.
12-27-91	Miraglia will contact Vogt or Keen.
4-24-92	Letter from Miraglia requesting additional information.
5-8-92	Additional information sent to F&N.
7-21-92	1st draft sent to Vogt.
8-28-92	Checked status with Vogt--he will call Miraglia to discuss draft.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1527

(Filter Technology) CIGARETTE FILTER PAPER WEB PRODUCT

N. Gautam, R. Rogers, and D. Simpson
R&D

Sheet of paper that combines cut cellulose acetate and/or partially acetylated cellulose and/or cellulose plus a new material--partially acetylated high surface area cellulose.

Related to PM 1424, 1503, D568, D584, D678

Glenn/F&N/Schoneman

12-13-90	Patent review meeting: file.
1-7-91	Disclosure file opened.
1-28-91	Disclosure to F&N for application preparation.
5-29-91	Memo to inventors requesting clarification of invention and possible inclusion of D678 herein.
7-31-91	In-house search sent to F&N.
9-4-91	Letter from F&N: D-678 could be combined; additional information needed.
11-4-91	Information requested from Rogers.
1-20-92	F&N instructed to put on hold due to processing difficulties--new approach being tried.
4-15-92	Concept being investigated with Courtaulds. Developmental work expected to be completed by end of 1992.
6-16-92	F&N instructed to check status again in November.

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2020090309

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1530 (D734)

(Paper Technology) PREPARATION OF NOVEL COMPOSITIONS FOR USE AS FILLER FOR CIGARETTE PAPERS

G. H. Bokelman, J. Fournier, A. Kallianos, J. Paine, K. Podraza, J. Seeman
R&D

Preparation of novel compositions for use as filler for cigarette papers, which comprise calcium carbonate, coprecipitated with magnesium hydroxide, magnesium carbonates and/or basic magnesium carbonates. Since all of the products of the reaction are insoluble, only minimal washing of the precipitate is required afterward, thereby minimizing processing costs and solubility losses.

Glenn/F&N/Hintz

12-13-90	Patent review meeting: file.
1-17-91	Disclosure to F&N for application preparation.
2-6-91	Outside search initiated by Nix.
5-3-91	Search results received--sent to inventors for review.
5-10-91	Put on hold--inventors working on additional data--expected to be ready in three months or so.
9-23-91	Status inquiry: additional time needed to gather data.
2-5-92	Status inquiry from F&N.
2-11-92	Data coming per Kallianos.
6-5-92	Status inquiry from F&N.
8-25-92	Per Podraza several more time needed to complete work.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1532 (D737)

(Project Tomorrow) BANDED PAPER WRAPPER FOR CONTROLLING IGNITION PROPENSITIES OF SMOKING ARTICLES

E. B. Sanders
R&D

Wrapper construction using conventional materials and with slowing the manufacturing speed for smoking articles in which the ignition propensity of the smoking article is controlled without affecting the desirable properties of the smoking article.

Glenn/F&N/Panichi

12-13-90	Patent review meeting: file.
1-17-91	Disclosure to F&N for application preparation.
1-23-91	Assigned to Panichi.
3-19-91	Prior art sent to F&N.
9-6-91	Status inquiry: C. Smith reports that application in preparation.
9-26-91	1st draft received.
10-7-91	1st draft sent to Sanders for review.
11-13-91	2nd draft sent to Sanders for review.
3-10-92	Second draft re-sent to Sanders.
6-17-92	Sanders turned case over to John Hearn and Sherry Baldwin to make prototypes and see if this works.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1545

(Beta) METHOD AND APPARATUS FOR CONTROLLING THE SUPPLY OF ENERGY TO A HEATING LOAD IN A FLAVOR GENERATING ARTICLE

C. T. Higgins and H. McCafferty
R&D

Glenn/F&N/Guiliano

1-11-91	Disclosure received--pursue without committee review per Cliff Lilly.
1-14-91	To F&N for application preparation.
7-18-91	Assigned to Mathews/Ingerman.
5-13-92	Reassigned to Guiliano/Ingerman.
7-16-92	Phone conference between Higgins and Radulescu.
7-24-92	Additional information faxed to Guiliano who will proceed with application preparation.
11-3-92	1st draft to inventors.

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PM 1548 (D762)

(Beta) ELECTRIC SMOKING ARTICLE

C. T. Higgins and W. R. Raymond and M. Sprinkel
R&D

Glenn/F&N/Radulescu

2-28-91	Disclosure to F&N for application preparation.
3-7-91	Assigned to Farber.
8-2-91	Reassigned to David Radulescu.
9-24-91	Meeting with Radelescu/inventors.
10-15-91	In-house search sent to Radulescu.
10-21-91	Sketches sent to F&N.
5-8-92	Supplemental in-house search to F&N.
9-17-92	Per C. Smith: draft should be completed by mid-October.
10-1-92	Additional information sent to Radulescu.

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2020690312

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1549 (D763)

(Beta) DESIGN CONCEPT FOR HEATER/AEROSOL GENERATING SYSTEM

W. G. Houck
R&D

Relates to tubular heater units having multiple resistive heating elements for use in electrically heated flavor generating articles.

Glenn/F&N/Treyz

2-28-91	Disclosure to F&N for application preparation.
4-12-91	Additional information requested from Houck.
9-24-91	Houck/Glenn meeting to review data.
9-27-91	Drawings sent to Nix.
2-10-92	Reassigned to Radulescu who met with inventor earlier while here on another case.
6-29-92	Status inquiry from F&N.
8-15-92	Call to F&N letting them know we are waiting on them.
9-21-92	1st draft sent to inventor for review.

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20200903 13

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1551 (D765)

(Beta/Cast Sheet) RECONSTITUTED TOBACCO WITH KONJAC GLUCOMANNAN AS BINDING AGENT

T. Majewski, H. Stahl, S. E. Wrenn
R&D

Relates to reconstituted tobacco having Konjac glucomannan as a binding agent and methods for producing.

Glenn/F&N/Storella

2-28-91	Disclosure to F&N for application preparation.
3-8-91	Assigned to Storella; data base search results received for consideration--forwarded to inventors for review.
5-21-91	More detailed disclosure sent to Storella.
9-20-91	Status inquiry: Wrenn still gathering data--waiting for input from Majewski.
11-14-91	Letter from Storella: waiting for example and written disclosure.
11-27-91	Additional information sent to Storella.
12-4-91	Letter from Storella requesting description of "best mode".
12-9-91	"Best mode" information requested from Wrenn.
3-10-92	Letter to Storella: contact Wrenn directly to discuss any information needed to complete a draft.
3-26-92	Additional information faxed to Storella.
4-13-92	Conference call with F&N re prior art. Storella to prepare draft in 2 weeks.
6-15-92	1st draft to inventors; Wrenn working on additional samples.
10-1-92	Status inquiry from Storella; called to Wrenn to remind her. She will get back with Dee on Oct. 26.
10-7-92	Call to F&N and let Storella know status.

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2020090314

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1552 (D766)

(Tomorrow-Related) DOUBLE WRAPPED CIGARETTE ROD WITH EMBOSSED INNER WRAP

R. W. Newsome
R&D

Related to D377 and D378

Schardt/F&N/Radulescu

2-22-91	Disclosure file opened--to F&N for application preparation.
3-5-91	Assigned to Gross for consideration of patentability.
9-10-91	Status inquiry: Radulescu to discuss disclosure with Newsome, review prior art and prepare opinion letter.
9-23-91	In-house search results sent to Radulescu; meeting with Radulescu/Newsome.
12-18-91	F&N instructed to put on HOLD until further notice.
4-22-92	Letter from C. Smith outlining options for this case.

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2020690315

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1560 (D786) *FILED*

APPARATUS AND METHOD FOR APPLYING FLUID TO A MOVING CONTINUOUS WEB

J. Budjinski, S. Campbell, and T. Ward
Engineering

Relates to manufacturing cigarette filter plugs in which a moving continuous web of filter tow is coated with plasticizer using an apparatus including a multichamber cylinder control system.

Schardt/F&N/Lack

2-22-91	Disclosure file opened--to F&N for application preparation.
3-6-91	Letter from C. Smith requesting clarification of invention.
4-16-91	Smith's letter of March 6 sent to Ted Ward for clarification.
5-29-91	Meeting with inventors/Brook.
6-11-91	Ward's comments on Smith's March 6 letter sent to Brook.
11-20-91	Status inquiry sent to F&N.
12-2-91	Brook expects to have draft ready by January 1.
4-8-92	Brook expects to have draft ready by end of April.
4-23-91	1st draft to Ward for review.
5-8-92	Re-sent to Budjinski--Ward no longer with PM.
5-13-92	Campbell's comments sent to F&N.
8-28-92	Revised application approved.
10-8-92	Application sent to Ward for signature.
11-12-92	Executed application sent to F&N for filing.

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20020090316

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1564 (D795)

(Beta) PROCESS FOR THE MANUFACTURE OF POROUS CARBON SHEETS

S. C. Deevi
R&D

Process for the manufacture of porous carbon sheets suitable for use as resistive heating elements in smoking articles.

Glenn/F&N/Guiliano

2-21-91	Disclosure file opened--proceed with filing.
3-12-91	Disclosure to F&N for application preparation.
5-30-91	Additional info requested from Deevi.
7-2-91	Additional information sent to F&N.
11-7-91	Letter from Guiliano--additional disclosure material needed in order to conduct search.
11-14-91	Additional information requested from inventor.
11-19-91	Results of preliminary in-house search sent to Guiliano.
1-9-92	Additional data sent to Guiliano.
4-6-92	F&N instructed to put on HOLD - review in 3 months.
8-13-92	PM 1478 will be activated again if we pursue this case.
8-28-92	Additional information sent to F&N.

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20200903117

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1569 (D687)

(Beta) A FLAT CERAMIC HEATER HAVING DISCRETE HEATING ZONES AND METHOD OF FABRICATION

S. C. Deevi, M. R. Hajaligol, P. Lieberman, W. A. Nichols, M. Watkins
R&D

Relates to an electrically powered ceramic heater having a plurality of electrically resistive heating elements, only one of which is active at any given time.

See also PM 1529

Glenn/F&N/Treyz

2-14-91	Patent review meeting: review for inclusion in other Beta cases or file separately.
3-4-91	Disclosure to F&N for application preparation.
4-18-91	Background art sent to Matthews.
5-22-91	Additional info faxed to Matthews.
1-6-92	Additional information sent to Matthews.
4-27-92	1st draft sent to inventors for review.
5-13-92	Reassigned to Treyz.
5-27-92	Inventors' comments sent to F&N.
6-23-92	2nd draft to inventors for review.
7-7-92	Inventors' comments sent to F&N; inventorship being reviewed.

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PM 1578 (D801)

(BETA) SMOKING ARTICLE COMPRISING MULTITUDE OF SMALL NEEDLE-LIKE ELECTRICAL HEATERS

G. S. Fleischhauer
R&D

Glenn/F&N/Bergin

4-16-92	Separated back out from PM 1550.
6-29-92	Letter from Bergin proposing visit with inventor in mid-July to obtain additional disclosure materials.
8-12-92	***On hold***--will possibly be combined with another disclosure.

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2020090318

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1579 (CIP of PM 1389)

(DELTA/SIGMA) MANUFACTURING OF DELTA/SIGMA HEAT SOURCES WITH MICROWAVE/RF HEATING TECHNIQUES

S. C. Deevi and D. B. Losee

Schardt/F&N/Radulescu

5-7-91 F&N instructed to file PM 1579 as CIP III to PM 1322.

1-27-92 Additional information sent to Radulescu.

4-14-92 Decision to file PM 1579 as CIP to 1389 instead of 1322; additional information sent to F&N.

9-17-92 Letter from C. Smith: draft should be completed by mid-November.

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20200903139

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1584 (D807) *FILED*

(Tomorrow/Beta) APPLICATION OF FLUIDIZED MATERIAL TO A SUBSTRATE USING INTERMITTENT CHARGES OF COMPRESSED AIR

E. Cutright, R. Reich, and R. Scott of Jewett and H. Vogt Engineering

Relates to a method and apparatus whereby repetitive treatment patterns are created without contact between the paper and the apparatus.

Glenn/F&N/O'Neill

3-14-91	Patent review meeting: file - broaden to include Beta.
4-8-91	Disclosure to F&N for application preparation.
4-18-91	Letter from C. Smith: assigned to O'Neill; novelty search instituted.
11-5-91	Favorable patentability opinion received.
12-19-91	F&N instructed to proceed with application preparation.
6-2-92	1st draft sent to inventors for review.
6-18-92	Inventors' comments sent to F&N.
7-21-92	Shook, Hardy reviewed draft--minor changes.
8-6-92	2nd draft to inventors.
8-28-92	Comments to F&N.
9-15-92	3rd draft sent to inventors for review.
10-20-92	Draft OK'd by inventors.
10-21-92	Documents to Vogt to have executed.
11-11-92	Executed application sent to F&N for filing in PTO.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1586 (D809)

(Tomorrow/Beta) APPLICATION OF FLUIDIZED MATERIAL TO A SUBSTRATE USING DISPLACEMENT TRANSFER

E. Cutright and R. Scott of Jewett and H. Vogt
Engineering

Relates to a method and apparatus whereby repetitive treatment patterns are created by a displacement transfer apparatus.

Glenn/F&N/O'Neill

3-14-91	Patent review meeting: file - broaden to include Beta.
4-8-91	Disclosure to F&N for application preparation.
4-18-91	Letter from C. Smith: assigned to O'Neill; novelty search instituted.
11-5-91	Favorable patentability opinion received--F&N will proceed with application preparation.
12-10-91	Additional information requested from inventors.
3-6-92	Status inquiry to inventors.
8-4-92	1st draft to inventors for review.
9-15-92	Status inquiry to Vogt.
10-1-92	Comments on draft to F&N.
11-12-92	2nd draft received.

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20200803211

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1587 (D810)

(Tomorrow) METHOD AND APPARATUS FOR MAKING BANDED SMOKING ARTICLE WRAPPERS

E. Cutright and R. Scott of Jewett and H. Vogt
Engineering

Relates to a applying cellulosic slurry in repetitive patterns to paper for making banded smoking article wrappers.

Schardt/F&N/Radulescu

3-14-91	Patent review meeting: file.
3-26-91	Disclosure to F&N for application preparation.
4-3-91	Assigned to Reedy; novelty search instituted.
7-3-91	Opinion received: meaningful coverage would be difficult to obtain.
8-20-91	Letter to F&N: put on hold for time being.
9-17-91	Patentability reconsidered; F&N recommends proceeding with patent application.
10-14-91	F&N instructed to proceed with application.
4-6-92	Reassigned to Radulescu who will proceed with application preparation as soon as possible.
5-13-92	Status inquiry to F&N: Radulescu expects to have draft completed by mid-June.
6-28-92	Additional information faxed to Radulescu.
10-2-92	1st draft sent to Vogt for review.

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2020690322

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1588 (D787)

(CARTIER C20) HINGED-LID CIGARETTE BOXES WITH FOLD-IN LOCKS TO FACILITATE CONSISTENT LID CLOSURE

X. Pham
Engineering

Provides a retention means which retains the lid in a completely closed position on a cigarette box, yet does not damage the contents of the box.

Glenn/F&N/Kalmar/Ingerman

3-14-91	Patent review meeting: file.
4-8-91	Disclosure to F&N for application preparation.
4-24-91	Assigned to McCabe; novelty search instituted.
8-23-91	Inactivated--unfavorable patentability opinion.
11-14-91	Reconsidered at patent review meeting: file.
12-2-91	Disclosure to F&N for application preparation.
4-13-92	Reassigned to Lianna Kalmar.
9-30-92	Letter from C. Smith: draft completed and waiting for review by Ingerman.
11-17-92	1st draft received.

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2020090323

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1592 (Ace 6, 7, 9, 12, 19, 21, 26, 400)

(Project Ace) SINGLE CARTON BLANK HOLDING 10 PACKS IN TWO 1X5 ROWS WHICH CAN BE SEPARATED INTO TWO SEPARATE 1X5 CARTONS

J. M. Adams, C. N. Chance, J. A. DeBlasio, D. H. Evers, W. C. Harris, M. A. Kirby, R. W. Newsome, R. E. Talley
Engineering

Maintains existing 2x5 configuration to minimize machine modifications for processing at point of manufacture and at distribution tax stamping while still being able to be separated into two 1x5 cartons for distribution or by customer at point of sale.

Schardt/F&N/Hersh

3-28-91	Disclosure received--to F&N for application preparation--HIGH PRIORITY.
4-23-91	Letter from C. Smith: assigned to Horowitz; novelty search instituted.
5-30-91	Sample carton blanks sent to Horowitz.
10-8-91	PM 1593, 1594, 1611, 1664 combined herewith.
11-20-91	Status inquiry sent to F&N.
12-2-91	Hersh expects to have draft ready by mid-December.
2-11-92	Questions concerning the various embodiments forwarded to deBlasio.
3-12-92	deBlasio's comments sent to Hersh.
5-13-92	Status inquiry to F&N: Hersh expects to have draft completed by mid-June.
6-11-92	PM1602 to be filed as CIP to PM1592.
9-21-92	Letter from C. Smith: draft should be completed by mid-October.

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2020090324

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1602 (D828) (CIP OF PM1592)

(ACE 11) A DUAL CARTON

J. M. Adams, C. N. Chance, J. A. DeBlasio, D. H. Evers, M. A. Kirby, R. W. Newsome, R. E. Talley
Engineering

Schardt/F&N/Wildes

4-24-91	Disclosure to F&N for evaluation and application preparation--HIGH PRIORITY.
5-17-91	Novelty search instituted by F&N.
11-20-91	Status inquiry sent to F&N.
12-2-91	Wildes involved in litigation--hopes to have opinion letter or draft ready within a few weeks.
6-11-92	Letter from F&N: to be filed as CIP to PM1592.
9-21-92	Letter from C. Smith: Wildes to draft application for filing at same time as PM 1592.

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PM 1605 (D831)

(ACE 4) TOPLESS DUAL CONTAINER, TWO SECTIONS CONTAINING SINGLE ROWS OF 5 PACKS, CONTAINER CAN BE SEPARATED AND SMALLER CONTAINER INSERTED/ENCLOSED IN AN OUTER SLEEVE

J. M. Adams, C. N. Chance, J. A. DeBlasio, D. H. Evers, W. C. Harris, M. A. Kirby, R. W. Newsome, R. E. Talley
Engineering

Schardt/F&N/Hersh

4-24-91	Disclosure to F&N for evaluation and application preparation--HIGH PRIORITY.
11-20-91	Status inquiry sent to F&N.
2-13-92	Limited novelty search instituted.
4-3-92	Search completed--appears to be patentable subject matter.
10-7-92	Hersh will draft application when he finishes draft for PM 1610.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM_1606 (D832)

(ACE 2) TRAY STRUCTURE AND METHOD OF FORMING SAME

J. M. Adams, C. N. Chance, J. A. DeBlasio, D. H. Evers, W. C. Harris, M. A. Kirby, R. W. Newsome, R. E. Talley
Engineering

Relates to a tray that contains goods to be transported and a method of forming the tray.

Schardt/F&N/Rhoads

4-24-91	Disclosure to F&N for evaluation and application preparation--HIGH PRIORITY.
5-17-91	Novelty search instituted by F&N.
11-20-91	Status inquiry sent to F&N.
12-2-91	Wildes involved in litigation--hopes to have opinion letter or draft ready within a few weeks.
10-15-92	1st draft to deBlasio for review.
10-28-92	Comments sent to F&N.

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20200903261

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1607 (D833)

(ACE 1) HALF-CARTON STRUCTURE AND METHOD OF FORMING SAME

J. M. Adams, C. N. Chance, J. A. DeBlasio, D. H. Evers, W. C. Harris, M. A. Kirby, R. W. Newsome, R. E. Talley
Engineering

Relates to a half-carton that contains goods to be transported and a method of forming.

Schardt/F&N/Rhoads

4-24-91	Disclosure to F&N for evaluation and application preparation--HIGH PRIORITY.
5-17-91	Novelty search instituted by F&N.
11-20-91	Status inquiry sent to F&N.
12-2-91	Wildes involved in litigation--hopes to have opinion letter or draft ready within a few weeks.
10-15-92	1st draft to deBlasio for review.
10-28-92	Comments sent to F&N.

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PM 1609

(Project Drought) CIGARETTE MAKING AT ELEVATED TEMPERATURES

(PM Australia)

Relates to making cigarettes with reduced packing density without significant loss of firmness.

Schardt/Callinans/Kelson

5-29-91	Callinan instructed to proceed with filing in US and Europe--coordinate with Hargrave.
6-23-92	Meeting with Schardt/Shiffman; PM Australia will proceed with an application.

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2020690327

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1610 (ACE 20)

(Project ACE 20) SINGLE CARTON BLANKS HOLDING 5 PACKS WHICH MAY BE JOINED TO FORM A 2X5 SINGLE CARTON WHICH CAN BE SEPARATED INTO TWO 1X5 CARTONS

J. M. Adams, C. N. Chance, J. A . Deblasio, D. H. Evers, M. A. Kirby, R. W. Newsome, and R. E. Talley
Engineering

Schardt/F&N/Hersh

5-14-91	Disclosure to F&N for application preparation.
5-21-91	Letter from C. Smith: assigned to Hersh.
11-20-91	Status inquiry sent to F&N.
12-2-91	Hersh will start on draft when he finishes 1592.
4-13-92	Letter from C. Smith: Hersh expects to have draft completed by end of May.
10-7-92	Hersh will prepare draft when he finishes PM 1592.

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2020090328

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1612 (D814) *FILED*

(NET) PROCESS FOR ADJUSTING THE MOISTURE CONTENT OF TOBACCO

Warren Winterson , John Crump, E. B. Fischer
R&D

Covers use of the process on tobacco. Relates to the use of a humid-air stream having a relative humidity very near the equilibrium moisture content of the tobacco to contact the tobacco and thereby alter the OV content of the tobacco.

Glenn/F&N/McCabe

5-9-91	Patent review meeting: file.
6-4-91	Disclosure to F&N for application preparation.
10-16-91	Meeting with McCabe/inventors.
11-8-91	Additional information sent to McCabe.
12-10-91	PM 1623 combined herewith; additional info sent to McCabe.
12-12-91	1st draft sent to inventors for review.
12-17-91	Meeting with McCabe/inventors.
1-3-92	2nd draft sent to inventors for review.
2-27-92	Inventor's comments and re-write sent to F&N.
3-30-92	3rd draft sent to inventors for review.
4-6-92	Inventors' comments sent to F&N.
5-5-92	4th draft sent to inventors for review.
5-29-92	Inventors' comments sent to F&N.
7-13-92	Revised application to inventors for review.
9-23-92	Letter from C. Smith recommending simultaneous filing of two applications to accommondate Frigoscandia's interest.
10-12-92	Revised draft to inventors.
10-16-92	Comments to F&N.
10-27-92	Revised draft received.
10-30-92	Filed in PTO.

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2020090329

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1612 II *FILED*

(NET) PROCESS FOR ADJUSTING THE MOISTURE CONTENT OF ORGANIC MATERIALS

Warren Winterson, John Crump, E. B. Fischer
R&D
Assignee: Frigoscandia

Covers the use of the process of organic materials generically. Relates to the use of a humid-air stream having a relative humidity very near the equilibrium moisture content of the tobacco to contact the tobacco and thereby alter the OV content of the tobacco.

Glenn/F&N/McCabe

9-23-92	Letter from C. Smith recommending simultaneous filing of two applications to accommondate Frigoscandia's interest.
10-12-92	1st draft to inventors.
10-16-92	Comments to F&N.
10-27-92	Revised draft received.
10-30-92	Filed in PTO.

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PM 1613 (D815, 818)

MULTIPLE-LAYER CERAMIC HEATER

M. R. Hajaligol, P. D. Lieberman, W. A. Nichols, M. L. Watkins
R&D

Relates to heaters having multiple-layer ceramic substrates capable of supporting a plurality of resistive heating elements.

Glenn/F&N/Guiliano

5-9-91	Patent review meeting: file.
6-3-91	Disclosure to F&N for application preparation.
5-13-92	Joe Guiliano/Jeff Ingerman assigned.
6-17-92	1st draft to inventors for review.
10-22-92	Letter from Guiliano requesting inventors' comments on draft.

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2020090350

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1614 (D820)

IMPROVED RECYCLABLE CIGARETTE PLUG CONTAINER/TRAY SYSTEM

G. Holden, B. Kiernan, B. Semp, I. Szell
20th Street

Schardt/F&N

5-9-91	Patent review meeting: file.
5-16-91	Disclosure to F&N for application preparation.
5-21-91	Letter from C. Smith requesting sketches/photographs of the invention.
5-29-91	Sketches/photos requested from Kiernan.
11-19-91	Status inquiry sent to Kiernan.
12-6-91	Kiernan has been side-tracked on other projects--hopes to get photos/sketches done by January 1.
9-23-92	Status inqiury to Kiernan.

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2020090331

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1615 (D816)

IMAGE INSPECTION SYSTEMS

H. Dante
R&D

Relates to image inspection systems which are suited to high speed inspection of repetitively occurring images and in which it is important to monitor the full grey scale integrity of the images.

Glenn/F&N/Jackson

5-9-91	Patent review meeting: file.
6-4-91	Disclosure to F&N for application preparation.
9-13-91	Meeting with B. Jackson and Dante.
10-1-91	1st draft sent to inventor for review.
12-28-91	Status inquiry from Jackson.
1-6-92	Status check: Dante will get comments to us in 2 weeks.
3-10-92	Status inquiry to Dante.
3-30-92	Status inquiry from F&N.
5-6-92	Inventor's comments on 1st draft sent to F&N.
6-17-92	Dante working on supplemental information regarding the component layout of a web inspection system.
7-28-92	2nd draft received.
8-5-92	Inventor expects to have additional information next week for F&N.
8-17-92	Call to Dante to remind him of needed information.
9-22-92	Jackson discussed status with Dante who will look for and review draft application and forward additional information.
10-15-92	Dante's comments to F&N.
11-3-92	3rd draft to inventor.

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20020090332

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1618

(PROJECT GOLD) CIGARETTE PACKING MACHINE EXIT APPARATUS

J. Adams, J. Haskins
Engineering

Relates to sealing cigarette packages in which the packaging stock is coated with a dry adhesive before it is supplied to the packaging machine; the apparatus provides improved means for activating and for setting the adhesive.

Glenn/F&N/Wildes

6-5-91	Disclosure received--sent to F&N for application preparation on expedited basis.
7-29-91	Meeting Wildes met with inventors at Alford Packaging.
11-20-91	Status inquiry sent to F&N.
12-2-91	Brook to draft application in very near future.
12-31-91	D894 combined herewith.
3-11-92	Status inquiry to F&N; additional information requested from inventors.
3-19-92	Faxed D894 to Wildes--draft to be ready next week.
4-1-92	Additional information and drawings sent to F&N.
10-12-92	1st draft to Adams for review.
10-21-92	Confidentiality letter executed by Haskin.
11-4-92	1st draft to Haskin for review.

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2020090333

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1619

(PROJECT FRESH AND GOLD) HEAT SEALABLE FLIP-TOP BOX CONCEPT

John Adams, Angel Amendola, Fred Della Crosse, Bob Gallino, Jeff Haskin, Dave Moir, Xuan Pham, Ken Shepard
Engineering

Completely eliminates wet adhesive in process of forming and sealing flip-top box. reduces machine down-time, increases machine utilization, and eliminate glue clean-up operation.

Glenn/F&N/Wildes

6-18-91	Disclosure sent to F&N for application preparation.
6-26-91	Assigned to Morey Wildes.
7-29-91	Meeting Wildes met with inventors at Alford Packaging.
11-20-91	Status inquiry sent to F&N.
3-6-92	F&N waiting for written description.
3-17-92	Status inquiry sent to inventors.
4-1-92	No further development on this until next year; additional information and drawings sent to Wildes.

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2020090334

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1620

(PROJECT FRESH AND GOLD) HEAT SEALABLE CARTON CONCEPT

John Adams, Angel Amendola, Fred Della Crosse, Bob Gallino, Jeff Haskin, Dave Moir, Xuan Pham, Ken Shepard
Engineering

Completely eliminates wet adhesive in process of forming and sealing flip-top box. reduces machine down-time, increases machine utilization, and eliminate glue clean-up operation.

Glenn/F&N/Wildes

6-18-91	Disclosure sent to F&N for application preparation.
6-26-91	Assigned to Morey Wildes.
7-29-91	Meeting Wildes met with inventors at Alford Packaging.
11-20-91	Status inquiry sent to F&N.
12-2-91	F&N waiting for written description.
3-10-92	Additional information requested from inventors.
3-17-92	Status inquiry sent to inventors.
4-1-92	Additional information and drawings sent to Wildes.
4-13-92	Letter from Wildes: waiting for picture and/or drawings of machine where the sealing takes place.
4-23-92	Drawings requested from Pham.
5-7-92	Drawings sent to F&N.
10-1-92	Letter from C. Smith: Wildes should have draft completed by November 1.

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2020090335

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1621

(PROJECT FRESH AND GOLD) HEAT SEALABLE CLOSURE STAMPS CONCEPT FOR SOFTPACK

John Adams, Angel Amendola, Fred Della Crosse, Bob Gallino, Jeff Haskin, Dave Moir, Xuan Pham, Ken Shepard
Engineering

Completely eliminates wet adhesive in process of forming and sealing flip-top box. reduces machine down-time, increases machine utilization, and eliminate glue clean-up operation.

Glenn/F&N/Wildes

6-18-91	Disclosure sent to F&N for application preparation.
6-26-91	Assigned to Morey Wildes.
7-29-91	Meeting Wildes met with inventors at Alford Packaging.
11-20-91	Status inquiry sent to F&N.
12-2-91	F&N waiting for written description.
3-11-92	Additional information requested from inventors.
3-17-92	Status inquiry sent to inventors.
4-1-92	No further development on this until next year; additional information and drawings sent to Wildes.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1622 (D689)

USE OF EITELITE TO REDUCE SIDESTREAM EMISSION

J. B. Paine
R&D

Provides good cling, no fall-off, and near solidity to the ash. This material has much better ash coherence than the usual magnesium carbonates so far used.

Glenn/F&N/Miraglia

6-13-91	Patent review meeting: file.
6-24-91	Disclosure sent to F&N for application preparation.
7-1-91	Prior art sent to Miraglia.
7-12-91	Letter from Bailey: assigned to Miraglia--waiting for prior art to be sent up.
9-25-91	F&N instructed to put on hold until further notice.
3-13-92	Phone conference between Glenn/Miraglia: she will proceed with drafting application; Beverly to provide relevant references.
4-16-92	Letter from Miraglia requesting references.
4-27-92	In-house search results sent to F&N.
10-9-92	Letter from C. Smith: Miraglia plans to begin work on draft about November 1.

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2020690337

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1624 (D835) *FILED*

(NET) MEANS OF CONVEYING TOBACCO THROUGH A REORDERING GAS STREAM

E. B. Fischer, M. S. North and W. D. Winterson, L. E. B. Jaxman, L. F. Olsson, N. S. Selander
R&D/Frigoscandia

Belt prevents tobacco from falling through the edges of a conventional articulated belt and provides gentle handling of product while allowing gas-tobacco contact, as would be required for reordering or drying tobacco.

Glenn/F&N/Krasnow/Flynn

6-13-91	Patent review meeting: file.
6-24-91	Disclosure sent to F&N for application preparation.
7-12-91	Letter from Bailey: assigned to McCabe--detailed illustration and description needed before application preparation can proceed.
10-16-91	Meeting with McCabe/inventors.
2-21-92	Copies of patents that were discussed received from F&N.
3-16-92	Winterson's comments on application sent to F&N.
9-22-92	Letter from C. Smith: draft being prepared and should be ready soon.
10-12-92	Kevin Flynn visits inventors.
10-13-92	Winterson obtaining improved drawings.
10-30-92	Filed in PTO.

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2020090338

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1625 (D836) *FILED*

(NET) IMPROVED MEANS OF DRYING EXPANDED TOBACCO

J. C. Crump, E. B. Fischer, R. C. Wilson, W. D. Winterson, L. E. B. Jaxman, G. M. Norberg, L. F. Olsson
R&D/Frigoscandia

Uses a device similar to a gyrocompact spiral freezer, modified such that (1) drying air replaces the cold air typical for freezers, (2) air flow is either cocurrent or countercurrent to tobacco flow, (3) air velocity sufficiently high to remove required moisture from tobacco in a single stage, and (4) belt modified to carry tobacco.

Glenn/F&N/Krasnow/Flynn

6-13-91 Patent review meeting: file.
6-24-91 Disclosure sent to F&N for application preparation.
7-12-91 Letter from Bailey: assigned to McCabe--detailed illustration and description needed before application preparation can proceed.
10-16-91 Meeting with McCabe/inventors.
9-22-92 Letter from C. Smith: draft being prepared and should be ready soon.
10-12-92 Kevin Flynn visits inventors.
10-13-92 Appln. being modified to meet CG's request.
10-16-92 Draft appln. faxed -- to C. Wilson of Frigoscandia for review.
10-19-92 Wilson's comments to F&N.
10-30-92 Filed in PTO.

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20200903339

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1626 (D837, D838, D934)

(TOMORROW) PROCESS FOR APPLYING BANDS OF CELLULOSIC SLURRIES, INORGANIC GEL MATERIALS OR BURN RETARDANTS ON CIGARETTE WRAPPER DURING PAPERMAKING PROCESS

S. D. Baldwin, R. T. Gaudlitz, N. Gautam, R. M. Rogers
R&D

Involves use of ink-jet printing technology to apply cellulosic slurries, etc. on cigarette wrapper in patterns such as 5 mm wide cross-directional bands to achieve zone specific modification of the burn rate of the cigarette.

Glenn/F&N/Radulescu

6-13-91	Patent review meeting: file.
6-24-91	Disclosure to F&N for application preparation.
7-17-91	Assigned to Horowitz; additional information requested.
8-1-91	Additional information sent to F&N.
8-12-91	References sent to Gautam by Horowitz for review.
3-11-92	Radulescu indicates this case on hold per S. Baldwin pending availability of experimental data; he will follow-up with her in July.
9-22-92	Letter from Radulescu to Baldwin requesting additional experimental data.
10-14-92	D934 combined herewith.

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2020090340

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1630 (D842)

VARIABLE RATE OF FLOW SOFTWARE CIRCUIT

T. J. Cummins
Engineering

Custom software program designed to control flow rates for given machine processes.

Schardt/F&N/Bergin

6-13-91	Patent review meeting: file.
6-20-91	Disclosure to F&N for application preparation.
7-8-91	Draft description of invention sent to Cummins for review.
7-15-91	Cummins' comments on description sent to F&N.
8-27-91	Assigned to Bergin.
11-20-91	Status inquiry sent to F&N.
12-2-91	Bergin expects to have draft ready by mid-December.
12-16-91	Bergin to contact inventor in mid-January regarding the specifics of the invention to determine need for novelty search.
6-29-92	Letter from Bergin proposing visit with inventor in mid-July.
8-12-92	Additional drawings requested from inventor.

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20200903411

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1632

ELECTRICAL SYNCHRONIZATION OF CHARCOAL DELIVERY CHAIN TO COMPONENT DELIVERY DEVICE

C. G. Atwell, M. Belcastro, J. Budjinski, W. Marsh, and T. Ward
Engineering

High speed Lark combiner.

Schardt/F&N/Schoneman

6-13-91	Patent review meeting: file.
6-20-91	Disclosure to F&N for application preparation.
6-27-91	Assigned to Schoneman.
7-3-91	Walter Marsh report requested from Atwell.
11-19-91	Status inquiry sent to Atwell.
12-4-91	Marsh report sent to F&N.
1-2-92	Favorable patentability opinion received--F&N will proceed with application preparation.
10-9-92	Reassigned to Robert Morris who will complete application on expedited basis.

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2020090342

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1639 (D853)

(NET) PROCESS FOR IMPREGNATION AND EXPANSION OF TOBACCO

K. H. Cho, J. M. Dobbs, J. G. Nepomuceno, W. A. Nichols, R. Prasad
R&D

Relates to expanding tobacco using carbon dioxide. Employs saturated carbon dioxide gas in combination with a controlled amount of liquid carbon dioxide.

Glenn/F&N/McCabe

8-8-91	Patent review meeting: file--high priority.
8-22-91	Disclosure to F&N for application preparation.
8-28-91	Assigned to McCabe.
10-14-91	McCabe visited pilot plant.
11-19-91	Additional information sent to McCabe.
1-15-92	1st draft to inventors for review.
2-14-92	Inventors putting additional data together.
4-13-92	Drawings and additional information sent to F&N.

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2020C90343

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1641 (D861)

X2 FOIL FOLDS INSPECTION VISION ASSEMBLY

E. J. Cadieux and T. P. White
Engineering

The system disclosed is used on a GDX-2 to inspect the foil folds on our hard pack products. The Itran vision system used incorporated high speed electronics and state of the art optics to observe the foil folds and reject any missing, wrinkled or unregistered foil defects on the bottom or top of the packs.

Glenn/F&N/Steinhauer

8-8-91	Patent review meeting: file--broaden.
8-21-91	Disclosure to F&N for application preparation.
8-28-91	Assigned to Brook; additional disclosure materials requested.
9-6-91	Memo to inventors requested more information.
9-19-91	F&N instructed to expedite.
11-5-91	Additional disclosure materials requested in order to conduct search.
1-22-92	Drawings sent to Brook.
7-1-92	Patentability search completed.
7-15-92	Brook to proceed with application.
8-28-92	Telephone conference with Brook/Glenn/Cadieux.
9-29-92	Additional information sent to F&N.
10-9-92	Letter from C. Smith: draft should be completed by mid-November.
11-3-92	Drawing to F&N.

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20200903 44

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1646 (D854)

BOLD CONCENTRIC FILTER

M. S. Braunshteyn, J. A. deBlasio, and R. E. Talley
Engineering

Higher degree of filtration than with present methods. Uses existing Hauni KDF-2/AF-1 with PM designed paper crimper. Minimizes new design requirements.

Schardt/F&N/McNally

10-17-91	Patent review meeting: file.
10-23-91	Disclosure to F&N for application preparation.
11-12-91	In-house search results sent to F&N; McNally reviewing art.
5-15-92	Letter from F&N requesting additional information.
6-1-92	Additional information sent to McNally.
7-9-92	Additional information requested from deBlasio.
7-15-92	deBlasio has discussed case with McNally and provided additional information.
7-30-92	Favorable patentability opinion received.
8-7-92	F&N instructed to proceed with application preparation.

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2020690345

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1650 (D873) *FILED*

PRODUCTION OF *l*-MENTHYL ISOPROPENYL CARBONATE

E. R. Burkhardt and B. W. Dryden (Callery Chemical Company)
R&D

Schardt/Depaoli/Giancola

10-17-91	Patent review meeting: file.
10-23-91	Disclosure to Depaoli for application preparation.
10-30-91	Draft claims handed to Edwards for review.
11-25-91	Edward's comments on claims sent to Giancola.
12-2-91	1st draft sent to Edwards for review.
3-6-92	Checked status with Edwards--additional time needed to review draft.
7-23-92	Comments on draft sent to Giancola.
8-4-92	Revised application received.
8-25-92	Application to Callery for input re inventorship.
9-14-92	Comments on draft and inventor details sent to Giancola.
11-4-92	Executed application to Giancola for filing.

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20200690346

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1651 (D876)

(BETA) INTEGRATED MULTICHANNEL PIEZOELECTRIC PUFF SENSOR

Amit Das and S. C. Deevi
R&D

Object is to sense the pressure drop created thru a puff and convert it into a specific electricall signal through a piezoelectric material. this signal will then act as a signature for a puff as opposed to other forms of external pressures that the piezoelectric material may be subject to.

Glenn/F&N/Harnett

10-30-91 Disclosure to F&N for application preparation.
11-4-91 F&N requests clarification of the invention and recommends a novelty search.
1-3-92 F&N waiting for response to November 4 letter.
3-10-92 Letter to C. Smith responding to his November 4 letter and instructing him to proceed with search.
3-25-92 Novelty search instituted.
4-14-92 References to F&N.
5-19-92 Glenn/Ingerman discussed by phone; abbreviated search report requested; this case identified as a candidate for commercial application.
10-16-92 Letter from Harnett requesting more complete disclosure and detailed drawings.

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20200903417

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1652 (ACE)

(PROJECT ACE) CARTON OR CONTAINER FLAP TUCKING, CLOSING AND SEPARATING DEVICE

E. Agranat, R. T. Wheeler, C. A. Moeller
Design Technology Corporation
Engineering

Schardt/F&N/Hersh

11-7-91	Disclosure to F&N for application preparation.
11-13-91	Assigned to Hersh; novelty search instituted; Hersh to discuss inventorship and need for additional disclosure materials with deBlasio.
2-25-92	Detailed drawings requested from deBlasio.
3-11-92	Drawings sent to F&N.
3-26-92	Additional information requested from deBlasio.
5-6-92	Hersh to meet with deBlasio to get information needed to prepare drawings.
10-7-92	On ***hold*** pending decision concerning drawings.

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PM 1653 (D881, 882, 883)

(BETA) HEATER DESIGNS

A. Collins, G. Fleischhauer, C. Higgins, B. Keen, B. LaRoy, W. Raymond
R&D/Engineering

Glenn/F&N/Harnett

11-14-91	Patent review meeting: file.
12-9-91	Disclosure to F&N for application preparation.
3-25-92	Additional information requested.
5-13-92	Chris Harnett and Ingerman assigned.
5-29-92	Additional information received.
9-7-92	Status inquiry from F&N--still waiting for additional information.
9-24-92	Letter from Harnett: still waiting for additional information.

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2020090348

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1654 (D885)

VISION SYSTEM OPTICAL INSPECTION FOR FILTER MAKING MACHINERY

Cary Longest and Barry Smith
Engineering

Glenn/F&N

11-14-91	Patent review meeting: file separately if unique concepts are not covered.
12-11-91	Disclosure to F&N for application preparation.
1-2-92	More specific and detailed disclosure and drawing requested.
1-24-92	Additional information requested from inventors.
9-18-92	Status inquiry from F&N.
11-9-92	Inventors will send information as soon as they can work on it.

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PM 1659 (D864)

(Project 2500) METHOD OF PREPARATION OF COMPOSITIONS COMPRISING HYDROMAGNESITE AND/OR BRUCITE (AQUEOUS NON-SOL- GEL TREATMENT)

J. Fournier, A. Kallianos, J. Paine, K. Podraza, J. Seeman
R&D

Glenn/F&N/Hintz

8-2-91	Disclosure to F&N for possible combining with other Project 2500 cases.
12-10-91	Inventors' comments sent to Morris; file simultaneously with PM 1494, 1397, and 1660.
3-31-92	Kallianos's comments on application sent to F&N.
5-29-92	Re-assigned to Hintz who expects to have draft completed by mid-August.
7-16-92	Additional information sent to Hintz.
10-13-92	1st draft to inventors for review.

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20200090349

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1660 (D865)

(Project 2500) METHOD OF PREPARATION OF COMPOSITIONS COMPRISING HYDROMAGNESITE AND/OR BRUCITE (AQUEOUS SOL-GEL TREATMENT)

J. Fournier, A. Kallianos, J. Paine, K. Podraza, J. Seeman
R&D

Glenn/F&N/Hintz

8-2-91 Disclosure to F&N for possible combining with other Project 2500 cases.

12-10-91 Inventors' comments sent to Morris; file simultaneously with PM 1494, 1397, and 1659.

3-31-92 Kallianos's comments on application sent to F&N.

5-29-92 Re-assigned to Hintz who expects to have draft completed by mid-August.

7-16-92 Additional information sent to Hintz.

10-13-92 1st draft to inventors for review.

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20200090350

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1661

METHOD FOR PRODUCING BLENDED CIGARETTE FILLER
R&D

Relates to the production of different blended cigarette fillers in a way that is more flexible with respect to changing from one blend to the other, and that improves the filling power of the resulting blended cigarette filler.

Schardt/F&N/Ingerman

12-16-91 Disclosure file opened--proceed with filing of application AS SOON AS POSSIBLE per Charles,Burnley and Lilly (no committee review).
1-10-92 1st draft received; JES circulated to Lilly, Burnley, Clark, and Holland.
2-27-92 Comments and prior art sent to Ingerman.
3-17-92 2nd draft received.
5-7-92 Comments sent to Ingerman.
8-11-92 3rd draft to Burnley/Clark for review.
9-16-92 Status inquiry to Burnley/Clark.
9-22-92 Comments on draft sent to F&N.
10-27-92 4th draft to inventors for review.

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PM 1665

(PROJECT ACE) CARTON OR CONTAINER SPLITTER, RECLOSER GLUER AND FLAP FOLDING DEVICE

E. L. Cutwright and G. R. Scott (Jewett Automation)
Engineering

Schardt/F&N

1-24-92 Disclosure to F&N for application preparation.
1-31-92 Additional illustrations requested.

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2020090351

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1667 (D408, 711, 905)

RHOMBOHEDREAL CALCIUM CARBONATES AS SIDESTREAM REDUCING PAPER FILLERS

S. D. Baldwin, G. H. Bokelman, J. B. Paine, K. F. Podraza, S. S. Tafur
R&D

Directed to cigarette wrappers made with calcium carbonate (calcite) having a rhombohedral morphology to reduce sidestream smoke.

Glenn/F&N/Miraglia

2-14-92	Patent review meeting: patentability evaluation; file.
2-24-92	Disclosure to F&N for application preparation; hold until in-house search completed.
3-4-92	Letter from F&N: being considered as possible CIP of PM1596.
3-18-92	Letter from F&N: PM1667 should be filed separately from PM1596; waiting for completion of in-house search to evaluate patentability.
5-14-92	In-house search results sent to F&N.
9-25-92	Unfavorable patentability opinion.
10-1-92	Memo to inventors. Will inactivate if nothing further 11/27.

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20200903 52

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1669 (D901)

MODIFY KDF-2 SINGLE LINE TO RUN DUAL LINE

M. S. Braunshteyn and J. A. deBlasio
Engineering

Schardt/F&N/McNally

2-14-92 Patent review meeting: file.
2-20-92 Disclosure to F&N for application preparation.
3-11-92 JES called deBlasio to request more detailed description/drawings.
5-11-92 Status inquiry from F&N.
7-9-92 Additional drawings requested from deBlasio.
7-14-92 Drawings sent to McNally.
10-9-92 Letter from C. Smith: draft completed by McNally--awaiting review by Panichi.

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PM 1672 (D881, D893)

METHOD OF MANUFACTURING AN 8-ARRAY PERMANENT HEATER (SPIDER)

A. Collins, S. Deevi, M. Hajaligol, B. Keen, B. LaRoy
Engineering/R&D

Glenn/F&N/Harnett

2-14-92 D881 split out of PM 1653 and combined with D893 to form this case.
3-3-92 Disclosure to F&N for application preparation.
3-25-92 Letter from F&N requesting additional information.
7-9-92 Status inquiry from F&N: still waiting for additional information.
9-16-92 Letter to Harnett suggesting meeting to discuss this and other cases.
9-24-92 Letter from Harnett: still waiting for additional information.

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2020090353

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1673 (D779)

PROCESS FOR INCREASING THE FILLING POWER OF TOBACCO BY ADDITION OF A STIFFENING AGENT

J. C. Crump, D. Donaher, J. L. Banyasz, A. Basak, J. O. Lephardt, and G. D Keritsis
R&D

Relates to a process in which tobacco is contacted with a stiffening agent and CO_2 and then subjected to a thermal treatment so that the tobacco is expanded and its filling power increased.

Glenn/F&N/McCabe

2-14-91	Patent review meeting: search and file if warranted.
4-19-91	In-house search completed.
5-13-91	Disclosure and prior art to F&N for patentability review.
11-15-91	Prior art reviewed with inventors.
3-3-92	F&N to proceed with application preparation.
5-4-92	1st draft received.
6-17-92	Meeting with inventors to review draft; comments sent to F&N.
6-29-92	Additional data sent to Chen.
8-6-92	2nd draft to inventors for review.
8-25-92	Comments to F&N.

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2020090354

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1676 (D911)

PRODUCTION OF SUPPORTED PARTICULATE CATALYST SUITABLE FOR USE IN A VAPOR PHASE REACTOR

Robert L. Augustine and Setrak K. Tanielyan (Seton Hall)
R&D

Relates to affixing a fine particulate catalyst to a substrate without affecting its effectiveness.

See also PM 1431

Schardt/Burns-Doane/Duffett

4-9-92	Patent review meeting: file - broaden.
4-16-92	Disclosure to B-D for application preparation.
6-22-92	Letter from B-D to Augustine requesting additional information.
8-25-92	1st draft sent to inventors for review.

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PM 1678 (D915)

PERFORATION INSPECTION SYSTEM

T. Fletcher and H. C. Longest
R&D/Engineering

Method and apparatus for accurately monitoring pressure drop of a web of strip of tipping paper moving rapidly through a production line.

Glenn/Burns-Doane/Miller

4-9-92	Patent review meeting: patentability evaluation--file.
4-16-92	Disclosure to B-D for patentability search.
5-20-92	Additional information sent to B-D.
7-6-92	Patentability opinion: limited protection may be available.
8-3-92	B-D instructed to proceed with application preparation.
10-23-92	1st draft to inventors.

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2020090357

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1679 (D914)

BELT ON BELT MOVING ORIFICE

T. Callaham, J. Carboni, A. Collins, E. Cutright, B. Keen, R. Ritt, H. Vogt
R&D/Engineering

See also PM 1585

Schardt/F&N/O'Neill

4-9-92 Patent review meeting: file.
4-16-92 Disclosure to F&N for application preparation.
5-12-92 Assigned to O'Neill.
9-18-92 Per C. Smith: O'Neill expects to have draft completed by mid-October.

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PM 1681 (D890)

CONTAINING LOOSE TOBACCO PARTICLES IN A PACKAGE

W. J. Campbell and A. S. Roberts
Engineering

Schardt

4-9-92 Patent review meeting: file--JES to discuss with Engineering to develop disclosure before sending it out.

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2020090356

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1682 (D929)

METHOD AND APPARATUS FOR HIGH SPEED DELIVERY OF FREE FLOWING PARTICULATE MATTER

J. Budjinski, G. Atwell, M. Garthaffner
Engineering

Directed to a method and apparatus for accurately delivering precisely metered amounts of free flowing particulate material from a reservoir or storage source to a conveyor for ultimate inclusion in an article of manufacture.

Glenn/F&N/Harnett

6-15-92 Disclosure to F&N for application preparation on ***PRIORITY*** basis.
6-24-92 Meeting with inventors/Harnett.
7-27-92 1st draft to inventors.
8-14-92 Meeting with Joe Budjinski and CEBG.
8-17-92 Comments on draft and references sent to F&N.
9-17-92 Additional information sent to F&N.
10-2-92 2nd draft to inventors.
11-5-92 Inventors' comments to Harnett by hand.

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PM 1683 (D930) *FILED*

APPARATUS FOR APPLYING GLUE TO CLOSURE STAMPS FOR INSERTION ONTO PACKAGES

J. W. Giles, M. M. Grimsley, C. P. Pendelton, S. R. Rinehart
Engineering

Relates to the application of glue to closure stamps for insertion onto packages such as cigarette packs.

Glenn/B-D/Kopecki

6-15-92 Disclosure to B-D for application preparation.
7-10-92 Meeting with Rinehart/Reynolds.
9-28-92 Filed in PTO.

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2020090357

Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1685 (D924)

MEANS OF DETECTING THE PRESENCE OF A FLAVOR INSERT IN THE ELECTRONIC MODULE OF A SMOKING ARTICLE

C. T. Higgins, Hugh McCafferty, and D. B. Losse
R&D

Glenn/F&N/Guiliano

6-15-92 Disclosure to F&N for application preparation.
6-17-92 More detailed disclosure requested.
9-2-92 Additional information sent to F&N.
11-10-92 Memo to inventors re: closing of file by 12-10-92 if no further instruction or information is received.

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PM 1686 (D938)

(BETA) COMPRESSION MECHANISM FOR 8-HEATER PERMANENT HEATER ARRAYS

W. R. Raymond
R&D

Glenn/F&N/Bergin

7-9-92 Patent review meeting: file.
7-15-92 Disclosure to F&N for application preparation.
7-23-92 Letter from C. Smith requesting sketches illustrating a practical construction for the D943 disclosure.
8-24-92 Meeting scheduled for 8-26 with Utsch and LaRoy.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1687 (D939)

DNA SEQUENCES THAT ARE OVERLY EXPRESSED IN TOBACCO ROOT

Ved Malik, Teresa Michalik, Samir Wahab
R&D

Glenn/F&N/Rhoads

7-9-92	Patent review meeting: file.
7-15-92	Disclosure to F&N for application preparation.
7-23-92	Letter from C. Smith requesting copies of the references cited in this disclosure.
7-30-92	References forwarded to F&N.
9-21-92	Additional information sent to F&N.

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PM 1688

METHODS AND APPARATUS FOR INSPECTING THE APPEARANCE OF SUBSTANTIALLY CIRCULAR OBJECTS

Possible bar date: 4 May 1993

Cary Longest and Barry Smith
Engineering

Relates to methods and apparatus for inspecting the appearance of ends of cigarettes or filters.

Glenn/F&N/Jackson

7-16-92	Memo from Keen: submit for application preparation--no committee review.
8-5-92	Meeting with Jackson/inventors.
9-28-92	1st draft to inventors for review.
11-4-92	Faxed comments to Jackson.
11-16-92	Revised application received--ready to execute.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1689 *FILED*

SEPARATION AND CLASSIFICATION OF STEMMERY DISCARD

Possible bar date: 19 September 1992

E. C. Patterson

Separation and classification of stemmery discard into tobacco and sand-dirt by density and particle size using a centrifugal force separator, a rotational screen, and an air separation.

Glenn/B-D/Reynolds

7-24-92	Disclosure to B-D for application preparation--no committee review per Keen and Reid.
8-11-92	Additional information and in-house search sent to B-D.
9-2-92	Informed David Reynolds of possible bar date and actual installation date.
9-15-92	1st draft to inventor.
9-18-92	Filed in PTO.

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PM 1690 (D942)

POSITIVELY HELD TRAY FOR FILTER PLUGS

F. Porter, L. Shepherd, J. Sprouse, M. Steeves
Engineering

Glenn/B-D

7-9-92	Patent review meeting: Engineering docket pending patentability evaluation.
7-10-92	B-D instructed to conduct patentability evaluation.
8-27-92	Favorable patentability opinion received.
9-10-92	Patent review meeting: file.
9-28-92	B-D instructed to proceed with application preparation.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1691 (D944)

FILTERS PRODUCED WITH HEAT SEAL WRAP

A. E. Utz
Engineering

Concept for eliminating the PVA and hot melt application systems currently used in filter manufacruting by utilizing plug wrap with pre-applied hot melt adhesives.

Glenn/B-D/Kopecki
9-10-92 Patent Review Meeting: file.
10-2-92 Disclosure to B-D for application preparation.
10-28-92 Meeting with Kopecki/Utz.

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PM 1692 (D945)

BOOKLET PACK

D. Brookman, J. deBlasio, J. Draucker, D. Evers, C. Hansen, P. Moore, R. Newsome, B. Rech
Engineering/R&D

Packaging concept for providing individual pack removal for convenience or color coordination. Three individual sixes and/or sevens packs are bound together to resemble a small diary size book.

Schardt/B-D/Kopecki
9-10-92 Patent Review Meeting: file--broaden.
9-21-92 Disclosure to B-D for application preparation.
10-28-92 Meeting with Kopecki/inventors.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1693 (D947)

HIGH SPEED CHARCOAL INSERTION SYSTEM

Belcastro et al
Engineering

The system is used to control multiple machine components during the manufacture of a charcoal cavity filled plug component at high production speeds.

Glenn/F&N/Harnett
9-10-92 Patent Review Meeting: file--broadly.
10-2-92 Disclosure to F&N for application preparation.
10-15-92 Letter from C. Smith: more complete disclosure needed before application can be prepared.
10-22-92 Per Glenn, Harnett to visit Richmond to collect information necessary for evaluating the disclosure. Mtg schedule 11-5.
11-5-92 Meeting with inventors and Harnett.

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PM 1694 (D953)

CIGARETTE WRAPPERS FOR LOW SIDESTREAM CIGARETTES

Navin Gautam
R&D

Relates to calendering porous cigarette wrappers to modify the pore structure.

Glenn/B-D/Kopecki
9-10-92 Patent Review Meeting: patentability evaluation--file.
10-2-92 Disclosure to B-D for application preparation.
10-28-92 Meeting with Kopecki/inventor.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1695 (D954)

CIGARETTE FILTER MADE FROM TENCEL SPUN CELLULOSE FIBER

K. A. Newman
R&D

Cigarette filters made from Tencel (a solvent spun, cellulosic fiber, made in limited quantities by Courtaulds, from the natural cellulose in woodpulp).

9-10-92 Patent Review Meeting: file; HOLD until after meeting with Courtaulds/DuPont.

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PM 1696 (D956) (CIP OF PM 1412)

ISOLATION OF PUTRESCINE N-METHYLTRANSFERASE DNA SEQUENCES FROM TOBACCO

Ved Malik, Teresa Michalik, Samir Z. Wahab
R&D

Object is to produce tobacco plants that have reduced levels of alkaloids.

Glenn/F&N/Creason
9-10-92 Patent Review Meeting: file.
10-2-92 Disclosure to F&N for application preparation.
10-7-92 Letter from C. Smith: will be filed as CIP to PM 1412; assigned to Creason.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1697 (D961, 969, 951, 962)

(BETA) TUBULAR INTEGRAL HEATER WITH DISCRETE HEATING ZONES

S. C. Deevi, P. H. Hayes, W. H. Stevens
R&D

Glenn/F&N/Radulescu
9-10-92 Patent Review Meeting: file.
10-2-92 Disclosure to F&N for application preparation.
10-15-92 Letter from C. Smith: D961, 969, 951, 962 can all be combined into a single application; assigned to Radulescu.
11-6-92 Letter to F&N: **high priority**, especially the D961 concept.

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PM 1698 (D970)

PHASE III CAMERA BOX DESIGN FOR PROTOS VISION SYSTEM

Gary Grollimund, Cary Longest, Barry Smith, Roy VanDerLimden
Engineering

Glenn/F&N/Jackson/Sher
10-21-92 Disclosure to F&N for application preparation.
11-2-92 Letter from C. Smith: Jackson to determine if novelty search appropriate.
11-11-92 Glenn called Longest re: question on starting commercial use.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1699 (D971)

(BETA) FLAVOR GENERATING ARTICLE AND FLAVOR CASSETTE THEREFOR

A. C. Lilly
R&D

Relates to flavor generating articles having a replaceable cassette containing a flavor generating medium, as well to the replaceable cassette itself.

Glenn/F&N/Ingerman
10-27-92 Disclosure faxed to F&N for application preparation; phone conference between Glenn/Ingerman.
11-12-92 1st draft received.

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PM 1700 (D985, 986A&B, 987)

(BETA) PUNCH THROUGH/"GUN BELT"/POP UP PAPER TRAY

J. A. DeBlasio, J. B. Drucker, D. H. Evers, C. N. Hansen, B. J. Keen, R. W. Newsome, X. M. Pham, W. J. Rech
Engineering/R&D

Holds and separates cigarettes in a pack in a manner similar to a belt designed to hold bullets.

Schardt/B-D
11-6-92 Disclosure to B-D for application preparation.
11-12-92 Supplemental disclosure to B-D.
11-16-92 D985 and D987 to B-D.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1702 (D975)

(BETA) MEANS OF ATOMIZING A LIQUID TO CREATE INHALABLE AEROSOL

J. Bivins, P. J. Lipowicz, T. T. Nguyen, F. M. Sprinkel
R&D

Glenn
11-12-92 Patent review meeting: file.

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PM 1703 (D977)

METHOD FOR OPENING LID-LOCKING

J. J. Fleenor and D. C. Wilder
Engineering

Schardt/B-D
11-12-92 Patent review meeting: file.
11-18-92 Disclosure to B-D for application preparation.

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PM 1704 (D980)

(BETA) LASER WELDING METAL TABS TO SILICON

Amit Das
R&D

Glenn
11-12-92 Patent review meeting: file.

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Source: https://www.industrydocuments.ucsf.edu/docs/mngj0000

PM 1705 (D984)

SLIDE AND SHAKE BOX WITH SEE-THRU WINDOW

X. M. Pham
Engineering

Schardt/B-D
11-12-92 Patent review meeting: file.
11-18-92 Disclosure to B-D for application preparation.

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